

## ABSTRACT

The present invention is a communication system comprising a base station (101) and a communication terminal (100) transmitting/receiving data to/from this base station (101), in which the aforementioned base station (200) receives downlink packet data to the aforementioned communication terminal (300) and an information signal (ACK/NACK, CQI) related to the aforementioned downlink packet data from the received aforementioned communication terminal, and the aforementioned communication terminal (300) comprises overflow estimation means (S301 to S305) estimating a simultaneous transmission of uplink data and the aforementioned information signal to the aforementioned base station (200) and transmission signal control means (S325) controlling transmission of the aforementioned information signal in response to the result of estimation of this overflow estimation means.

Therefore, it aims at providing a communication system capable of selectively improving communication quality of either uplink communication or downlink communication by avoiding an overflow caused in a power amplification part (305) of the communication terminal (300).